

3738



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Christine Sherwood

Applicant : Jan Otto Solem, et al. Confirmation No.5341  
Application No. : 10/500,188  
Filed : June 25, 2004  
Title : METHOD AND DEVICE FOR TREATMENT OF MITRAL  
INSUFFICIENCY  
  
Grp./Div. : 3738  
Examiner : Urmi Chattopadhyay  
  
Docket No. : PVI-5703/52744/MEG/E303

**INFORMATION DISCLOSURE STATEMENT**  
**37 CFR § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
March 31, 2005

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the foreign references and "Other Documents" are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AS/

**Application No. 10/500,188**

Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.



Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By *Mark Garscia*  
Mark Garscia  
Reg. No. 31,953  
626/795-9900

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Enclosures: PTO/SB/08A/B, w/references  
CKS PAS615324.1-\*03/29/05 11:10 AM

FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B

# INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

APR 04 2005 PATENT & TRADEMARK OFFICE

as many sheets as necessary)

Attorney Docket Number

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Applicant(s)

Jan Otto Solem, et al.

Group Art Unit

3738

Examiner Name

Urmi Chattopadhyay

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		US 2001/0044568 A1	11-22-2001	Langberg, et al.
		US 2002/0016628 A1	02-07-2002	Langberg et al.
		US 2001/0018611 A1	08-30-2001	Solem et al.
		US 2002/0019660 A1	02-14-2002	Gianotti et al.
		US 2002/0022880 A1	02-21-2002	Melvin
		US 2002/0087173 A1	07-04-2002	Alferness et al.
		US 2002/0103533 A1	08-01-2002	Langberg et al.
		US 2002/0111533 A1	08-15-2002	Melvin
		US 2002/0124857 A1	09-12-2002	Schroeppel
		US 2002/0151961 A1	10-17-2002	Lashinski et al.
		US 2002/0183837 A1	12-05-2002	Streeter et al.
		US 2002/0183838 A1	12-05-2002	Liddicoat et al.
		US 2002/0183841 A1	12-05-2002	Cohn et al.
		US 2003/0078465 A1	04-24-2003	Pai et al.
		US 2003/0078654 A1	04-24-2003	Taylor et al.
		US 2003/0083538 A1	05-01-2003	Adams et al.
		US 2003/0105520 A1	06-05-2003	Alferness et al.
		US 2003/0130730 A1	07-10-2003	Cohn et al.
		US 2003/0135267 A1	07-17-2003	Solem et al.
		US 2003/0144697 A1	07-31-2003	Mathis et al.
		US 2004/0019377 A1	01-29-2004	Taylor et al.
		US 2004/0039443 A1	02-26-2004	Solem et al.
		US 2004/0133192 A1	07-08-2004	Houser et al.
		US 2004/0153146 A1	08-05-2004	Lashinski et al.

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		US 2004/0267358 A1	12-30-2004	Reitan
		4,164,046	08-14-1979	Cooley
		4,655,771	04-07-1987	Wallsten
		4,954,126	09-04-1990	Wallsten
		5,006,106	04-09-1991	Angelchik
		5,061,275	10-29-1991	Wallsten et al.
		5,064,435	11-12-1991	Porter
		5,104,404	04-14-1992	Wolff
		5,163,955	11-17-1992	Love et al.
		5,170,802	12-15-1992	Mehra
		5,383,892	01-24-1995	Cardon et al.
		5,476,471	12-19-1995	Shifrin et al.
		5,534,007	07-09-1996	St. Germain et al.
		5,571,135	11-05-1996	Fraser et al.
		5,584,879	12-17-1996	Reimold et al.
		5,593,442	01-14-1997	Klein
		5,607,444	03-04-1997	Lam
		5,674,280	10-07-1997	Davidson et al.
		5,713,949	02-03-1998	Jayaraman
		5,741,274	04-21-1998	Lenker et al.
		5,817,126	10-06-1998	Imran
		5,824,071	10-20-1998	Nelson et al.
		5,876,419	03-02-1999	Carpenter, et al.
		5,911,732	06-15-1999	Hojeibane

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		5,919,233	07-06-1999	Knopf et al.
		5,980,552	11-09-1999	Pinchasik et al.
		6,027,525	02-22-2000	Suh et al.
		6,071,292	06-06-2000	Makower et al.
		6,093,203	07-25-2000	Uflacker
		6,183,411 B1	02-06-2001	Mortier et al.
		6,203,556 B1	03-20-2001	Evans et al.
		6,210,432 B1	04-03-2001	Solem et al.
		6,221,103 B1	04-24-2001	Melvin
		6,248,119 B1	06-19-2001	Solem
		6,250,308 B1	06-26-2001	Cox
		6,264,602 B1	07-24-2001	Mortier et al.
		6,264,691 B1	07-24-2001	Gabbay
		6,325,826	12-04-2001	Vardi et al.
		6,343,605 B1	02-05-2002	Lafontaine
		6,350,277 B1	02-26-2002	Kocur
		6,402,679 B1	06-11-2002	Mortier et al.
		6,402,680 B2	06-11-2002	Mortier et al.
		6,402,781 B1	06-11-2002	Langberg et al.
		6,409,760 B1	06-25-2002	Melvin
		6,537,314 B2	03-25-2003	Langberg et al.
		6,569,198 B1	05-27-2003	Wilson et al.
		6,626,899 B2	9-30-2003	Houser et al.
		6,656,221 B2	12-02-2003	Taylor et al.

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		6,669,687 B1	12-30-2003	Saadat
		6,676,702 B2	01-13-2004	Mathis
		6,706,065 B2	03-16-2004	Langberg et al.
		6,709,456 B2	03-23-2004	Langberg et al.
		6,764,510 B2	07-20-2004	Vidlund et al.
		6,790,231 B2	09-14-2004	Liddicoat et al.
		6,797,001 B2	09-28-2004	Mathis et al.
		6,800,090 B2	10-05-2004	Alferness et al.
		6,810,882 B2	11-02-2004	Langberg et al.
		6,824,562 B2	11-30-2004	Mathis et al.

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		DE 196 05 042 A1	01-15-1998	Gleich Anmelder	
		DE 196 11 755 A1	02-05-1998	Gleich Anmelder	
		EP 0 727 239 A2	08-21-1996	Ockuly et al.	
		WO 95/16407	06-22-1995	Reimold et al.	
		WO 96/40356	12-19-1996	Whayne et al.	
		WO 98/18411	05-07-1998	Mahmoodi	
		WO 99/44534	09-10-1999	Melvin	
		WO 99/53977	10-28-1999	Talpade	
		WO 00/18320	04-06-2000	Melvin	

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		WO 00/41649	07-20-2000	Kocur	
		WO 00/44313 A1	08-03-2000	Lambrech et al.	
		WO 01/00111 A1	01-04-2001	Solem et al.	
		WO 01/50985 A1	07-19-2001	Liddicoat et al.	
		WO 01/54618 A1	08-02-2001	Langberg et al.	
		WO 01/85061 A2	11-15-2001	Shapland et al.	
		WO 01/89426 A1	11-29-2001	Andrieu et al.	
		WO 02/00099 A2	01-03-2002	Liddicoat et al.	
		WO 02/01999 A2	01-10-2002	Liddicoat et al.	
		WO 02/05888 A1	01-24-2002	Streeter et al.	
		WO 02/34118 A2	05-02-2002	Streeter et al.	
		WO 02/053206 A2	07-11-2002	Alferness et al.	
		WO 02/060352 A1	08-08-2002	Lashinski et al.	
		WO 02/062270 A1	08-15-2002	Solem et al.	
		WO 02/062408 A2	08-15-2002	Taylor et al.	
		WO 02/062263 A2	08-15-2002	Cohn et al.	
		WO 02/076284 A2	10-03-2002	Cohn et al.	
		WO 02/078576 A2	10-10-2002	Liddicoat et al.	
		WO 02/096275 A2	12-05-2002	Cohn et al.	
		WO 2004/084746 A2	10-07-2004	Reitan	

### OTHER DOCUMENTS

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		LAAKSOVIRTA et al., <i>Expansion and bioabsorption of the self-reinforced lactic and glycolic acid copolymer prostatic spiral stent</i> , PubMed, Excerpt from J Urol 2001 Sep; 166(3):919-22, one sheet
		LIU et al., <i>Sutural expansion osteogenesis for management of the bony-tissue defect in cleft palate repair: experimental studies in dogs</i> , PubMed, Excerpt from Plast Reconstr Surg 2000 May; 105(6):2012-25; discussion 2026-7, two sheets
		YONEYAMA et al., <i>Super-elastic property of Ti-Ni alloy for use in dentistry</i> , PubMed, Excerpt from Front Med Biol Eng 2000; 10(2):97-103, one sheet
		KOTIAN, <i>Shape memory effect and super elasticity it's dental applications</i> , PubMed, Excerpt from Indian J Dent Res 2001 Apr-Jun; 12(2):101-4, one sheet
		KUO et al., <i>The use of nickel-titanium alloy in orthopedic surgery in China</i> , PubMed, Excerpt from Orthopedics 1989 Jan; 12(1):111-6, one sheet
		CIVJAN et al., <i>Potential applications of certain nickel-titanium (nitinol) alloys</i> , PubMed, Excerpt from J Dent Res 1975 Jan-Feb; 54(1):89-96, one sheet
		BRENNAN, <i>SUITE OF SHAPE-MEMORY POLYMERS</i> , <a href="http://pubs.acs.org/cen/topstory/7906notw1.html">http://pubs.acs.org/cen/topstory/7906notw1.html</a> , News of the Week Materials, February 5, 2001, Volume 79, Number 6, Ceneer 79 6 pp.5, ISSN 0009-2347, three sheets
		STIKEMAN, <i>Total Recall</i> , AN MIT ENTERPRISE TECHNOLOGY REVIEW - Innovation, June 2001, two sheets
		European Patent Office Office action dated December 22, 2003 for Application No. 00 946 661.6 - 2310, 4 sheets
		Written Opinion dated November 8, 2002 for International application No. PCT/EP01/10371, 14 sheets
		International Search Report dated April 23, 2002 for International application No. PCT/EP 01/10371, 4 sheets
		International Search Report dated March 15, 2000 for National application No. SE 9902455-6, 3 sheets
		International Search Report dated October 9, 2002 for National application No. SE 0200073-5, 5 sheets

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		International Search Report dated June 5, 2003 for International application No. PCT/EP 02/14655, 7 sheets
		Buchanan et al., Circumferential Suture of the Mitral Annulus for Correction of Mitral Regurgitation in Dogs, Veterinary Surgery, 27: 182-193, 1998.
		Buchanan JW, Sammarco CD, Circumferential Suture of the Mitral Annulus for Correction of Mitral Regurgitation in Dogs, PubMed, Excerpt from Vet Surg 1998 May-June; 27(3): 183-93, abstract, one sheet.

615329\_1.DOC

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